

Title (en)

AUTOMATIC DETECTION, REMOVAL, REPLACEMENT AND TAGGING OF FLASH FRAMES IN A VIDEO

Title (de)

AUTOMATISCHE ERKENNUNG, ENTFERNUNG, ERSETZUNG UND MARKIERUNG VON FLASH-FRAMES IN EINEM VIDEO

Title (fr)

DÉTECTION, ÉLIMINATION, REMPLACEMENT ET MARQUAGE AUTOMATIQUE DE TRAMES FLASH DANS UNE VIDÉO

Publication

EP 2123015 A1 20091125 (EN)

Application

EP 08743598 A 20080228

Priority

- US 2008055295 W 20080228
- US 72644407 A 20070322

Abstract (en)

[origin: US2008232765A1] A method for automatically detecting, eliminating and replacing flash frames in digital video utilizes the detected flash frames to categorize and tag the surrounding frames as a relevant area of the digital video. The flash frame is detected when acquiring digital video during capture, the flash frame is replaced with a newly-constructed frame that is interpolated based upon surrounding frames and then, using the detected flash as the timestamp, the frame is tagged.

IPC 8 full level

H04N 1/38 (2006.01); **G06T 5/50** (2006.01); **G11B 27/034** (2006.01); **G11B 27/28** (2006.01); **G11B 27/30** (2006.01); **H04N 23/15** (2023.01)

CPC (source: EP US)

G06T 5/50 (2013.01 - EP US); **G11B 27/034** (2013.01 - EP US); **G11B 27/28** (2013.01 - EP US); **G11B 27/3036** (2013.01 - EP US); **G06T 2207/10016** (2013.01 - EP US); **G06T 2207/20216** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

US 2008232765 A1 20080925; **US 9036977 B2 20150519**; CN 101647265 A 20100210; CN 101647265 B 20120711; EP 2123015 A1 20091125; EP 2123015 A4 20121010; WO 2008118604 A1 20081002

DOCDB simple family (application)

US 72644407 A 20070322; CN 200880009026 A 20080228; EP 08743598 A 20080228; US 2008055295 W 20080228